

# CERTIFICATE

Issued to:  
Applicant:  
**Philips Lighting B.V.**  
**High Tech Campus 45**  
**5656 AE Eindhoven, The Netherlands**

Licensee:  
**Philips Lighting B.V.**  
**High Tech Campus 45**  
**5656 AE Eindhoven, The Netherlands**

Product : LED driver  
Trade name(s) : PHILIPS  
Type(s)/model(s) : Xi BP 12W 0.1-0.5A S 230V C100

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 61347-1:2015, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 62384:2006 and EN 62384:2006/A1:2009
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 947556

DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration of the ENEC certification agreement and under the conditions of the ENEC certification agreement.

This certificate is issued on 31 October 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-106167

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



Rosa Zhou  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: LED driver
Trade name(s)	: PHILIPS
Type(s)/model(s)	: Xi BP 12W 0.1-0.5A S 230V C100
Rated voltage	: 220-240 Vac
Rated frequency	: 50/60 Hz
Rated power factor	: 0,95
Rated input current	: 0,07 A
Rated input power	: 16 W
Output current	: 100-500 mA
Output power	: 12 W
Output voltage	: 13-39 Vdc, 60 Vdc max; SELV
Rated ambient temperature (ta)	: -40...+55 °C
Max. case temperature (tc)	: 80 °C
Description	: Built-in with double/reinforced insulation

**TESTS****Test requirements**

EN 61347-1:2015  
EN 61347-2-13:2014  
EN 61347-2-13:2014/A1:2017  
EN 62384:2006  
EN 62384:2006/A1:2009

**Test result**

The test results are laid down in DEKRA test file 603942500.

**Additional information**

- Constant current type with screwless terminal

The tests were performed by the manufacturer under the conditions of the agreement concerning the manufacturer's right to conduct type tests for the KEMA-KEUR / ENEC certification system under supervision of DEKRA (CTF Stage 3).

The list of components is laid down at test report 6039425.50.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

Philips Lighting Electronics Poland  
Ul Przemyslowa 29  
64-920 Pila, Poland